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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: July 1, 2009

Electronic Signature for Brian R. Landry: /Brian R. Landry/

Docket No.: 65689CPDV(43382)

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

lan Hunter et al.

Application No.: 10/820,679 Confirmation No.: 8534

Filed: April 8, 2004 Art Unit: 1797

For: REFORMATTED THROUGH-HOLE

ARRAYS

Examiner: A. Soderquist

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION PURSUANT TO 37 C.F.R. § 1.116

MS AF Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated May 5, 2009, please amend the aboveidentified U.S. patent application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the Drawings begin on page 7 of this paper.

Remarks/Arguments begin on page 8 of this paper.